

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for ACETALDEHYDE

Plant	Part	Low PPM	High PPM	StdDev	Reference
Psidium guajava	Fruit		2000.0	1.4142135145621455	--
Telosma cordata	Flower		1026.0		K. Furukawa, T. Arai, S. Hashimoto, (1993); Volatile components of <i>Telosma cordata</i> Merrill flowers, <i>Flavour Fragr. J.</i> , Vol 8, 221-223.
Hamamelis virginiana	Leaf		160.0		--
Citrus sinensis	Fruit Juice	3.0	15.0	1.0	--
Citrus mitis	Fruit Juice		2.4	-1.0	--
Citrus reticulata	Fruit	0.0	2.0	-0.7067882885418681	Lawrence, B.M., <i>Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.</i>
Ananas comosus	Fruit	0.61	1.4	-0.7074252260202778	--
Micromeria fruticosa	Shoot		0.1		Fleisher, Z. and Fleisher, A. 1991. The Essential Oil of <i>Micromeria fruticosa</i> (L.) Druce subsp. <i>barbata</i> (Boiss et. Ky.), P.H. Davis. <i>Aromatic Plants of the Holy Land and the Sinai. Part VII. J. Ess. Oil Res 3: 477-479.</i>
Malus domestica	Plant				--
Micromeria fruticosa	Shoot				Fleisher, Z. and Fleisher, A. 1991. The Essential Oil of <i>Micromeria fruticosa</i> (L.) Druce subsp. <i>barbata</i> (Boiss et. Ky.), P.H. Davis. <i>Aromatic Plants of the Holy Land and the Sinai. Part VII. J. Ess. Oil Res 3: 477-479.</i>
Carum carvi	Fruit				--
Coffea arabica	Seed				--
Brassica oleracea var. capitata l.	Leaf				Wealth of India.
Pimpinella anisum	Fruit				--
Cannabis sativa	Plant				Turner, C. E., El Sohly, M. A., Boeren, E. G. 1980. Constituents of <i>Cannabis sativa</i> L. XVII. A Review of the Natural Constituents. <i>J Natural Products</i> , 432: 169-234.
Pelargonium graveolens	Essential Oil				--
Zingiber officinale	Rhizome				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Apium graveolens	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Lycopersicon esculentum	Fruit				--
Apium graveolens	Shoot				--
Daucus carota	Root				--
Cinnamomum camphora	Plant				--
Ribes nigrum	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Mentha x piperita	Plant				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Malus domestica	Fruit Juice				Miyake, T., Shibamoto, T. 1993. Quantitative Analysis of Acetaldehyde in Foods and Beverages. J. Agr. Food Chem, 41(11): 1968-1970.
Glycine max	Plant				--
Allium sativum var. sativum	Bulb				Kim, S. M., Wu, C. M., Kobayashi, A., Kubota, K., Okumura, J. 1995. Volatile Compounds in Stir-Fried Garlic. J. Agric. Food Chem., 43(11): 2951-2955.
Zingiber officinale	Essential Oil				Kameoka, H. and Nakai, K. 1987. Components of essential oil from the root of Glycyrrhiza-glabra. Nippon Gogeikagaku Kaishi 61(9): 1119-1122.
Camellia sinensis	Leaf				--
Solanum tuberosum	Plant				--
Pimpinella anisum	Seed				Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
Houttuynia cordata	Plant				--
Malus domestica	Fruit				--
Mentha spicata	Essential Oil				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Prunus persica	Plant				--
Sambucus nigra	Flower Essent. Oil				--
Eruca sativa	Hs				--
Sambucus nigra	Leaf Essent. Oil				--
Ficus carica	Fruit				--
Lavandula x intermedia	Plant				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Cucumis melo	Petiole				--
Citrus aurantium	Plant				--
Angelica archangelica	Seed				Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
Nicotiana tabacum	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Phoenix dactylifera	Fruit				Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Iris x germanica	Rhizome				--
Oryza sativa	Plant				--
Acacia catechu	Plant				--
Carum carvi	Seed				--
Annona muricata	Plant				--
Vanilla planifolia	Fruit				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.